



DEPARTMENT OF NATURAL RESOURCES

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MEMORANDUM

Date: May 13, 2004

To: Land Reclamation Commission

From: Tom Cabanas, Reclamation Section Chief (*original signed by Tom Cabanan*)

Subject: AML/Bond Forfeiture Status Update

Project Update

Perche Creek

Location: Boone County

A contract was awarded to React Environmental Engineers of St. Louis, MO in the amount of \$545,000. This project consists of eliminating 38.5 acres of dangerous spoil piles and embankments, a coal waste pile, closing a water-filled cistern and removing a dangerous embankment and coal waste at an eroding loadout site. The barren mine spoils will be graded, limed and revegetated. Two ponds and three wetlands are being constructed as part of this project. The goal is to significantly reduce acid mine drainage and acid-forming sediments from entering Perche Creek. The earthwork is mostly complete. 50% of the seeding will be conducted this spring following final grading. The remaining areas will be fall seeded.

Miller's Creek

Location: Callaway County

The designs for this project are complete and the pre-bid conference was held on May 11, 2004. The bid opening is scheduled for May 27, 2004. This project will consist of treating, pumping out and filling in two pits that hold acid water, grading barren spoils and revegetating the entire area. This site is located near Millersburg.

State FY 2003-04 AML Emergency Program Report

Mindenmines Highwall AML Emergency Reclamation

Location: Barton County

This emergency project consists of backfilling an actively eroding highwall that was slumping toward the highway shoulder in several places along its 2,700 ft.

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length which was threatening to take out utility lines. The contract was awarded to Slates Excavating, LLC, of Nevada, MO in the amount of \$268,400. The project consisted of grading the adjacent strip mine spoils to completely backfill the highwall and its associated pit, thereby eliminating the slumping problem. The total affected area is 35 acres. The earthwork and reseeded are now complete.

Non-Coal Shaft Closures

Joplin Shafts Phase III

Location: Jasper County

Twelve new open shafts were identified in the Joplin area. A contract to fill these shafts with polyurethane foam, a concrete cap and fill material was awarded to Terradyne LTD on March 22, 2004 for \$88,884.00 and work was in progress as of April 14, 2004. A newly identified dangerous, open shaft has recently been located and may be added to the contract by change order, an option now being examined.

Bond Forfeiture Status Report

The following are the major projects that the program is planning to conduct during this calendar year.

State Reclamation Projects

Missouri Mining, Inc.

Location: Putnam County

Pit 17 & Pit 15

Plans for these two permanent program permit areas have been developed and approved by the Office of Administration. The pre-bid meeting is scheduled for May 27, 2004 with bid openings on June 17, 2003. Work at both sites is to be completed by this fall. These projects consist mainly of deep gully repair and pond renovation.

Pit 12

Due to the presence of a breached pond creating an off-site impact (sediment) the program is planning to write a small contract for the repair of the dam. The balance of the erosion repair will be conducted at a later date.

Pit 14 North

Pit 14 North will be a relatively small project as the problems are fairly limited, consisting of the repair of one large gully and distribution of a topsoil stockpile. A relatively shallow pond may be modified to create a deeper water level if

approved by the landowner. A groundwater monitoring well was recently removed and the shaft closed at this site.

Pit14 South

A representative of the landowner has requested the removal of a pond and diversion system. The area is also in need of gully repair in several areas.

Surety Reclamation Projects

Midwest Coal, LLC, Tiger Mine

The surety at this site Lydnor Properties agreed to develop a reclamation plan for this area that was submitted to the program in December 2004 and is now in the final approval stages. Reclamation at this site is expected to commence this spring with completion of all major items by the end of the year. This site comprises 384 acres and involves disposal of coal wastes, highwall reduction, pond renovation, elimination of at least one off-site impact, topsoil replacement and reseeded.

Riedel Energy, Inc.

The reclamation plan for this very large mined area is being finalized and work is to begin this spring, hopefully. This project was delayed due to the surety, Frontier Insurance Company going into financial rehabilitation and their business operations are now being run by the New York State Department of Insurance. This change necessitated a renegotiation of our consent agreement with the surety. The work at this site is mainly associated with land use issues, ponds, other engineering structures, gully repair, proper burial of coal wastes and revegetation issues.

North American Resources, Inc., Silver Creek Mine and Foster Mine

Reclamation on these areas has been completed by the Frontier Insurance Company and is now being inspected for maintenance issues.

Universal Coal and Energy, Inc., Renick Mine

Reclamation on this area has been completed by the Lincoln General Insurance Company and is now being inspected for maintenance issues.